

ANURAG Engineering College
(An Autonomous Institution)
II B.Tech II Semester Regular Examinations, June/July – 2024
JAVA PROGRAMMING
(INFORMATION TECHNOLOGY)

Time: 3 Hours

Max.Marks:60

Section – A (Short Answer type questions)**(10 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. List out different data types used in java.	CO1	L1	1M
2. State the importance of Object-Oriented Programming.	CO1	L2	1M
3. List out the benefits of exception handling.	CO2	L1	1M
4. Write a short note on Byte stream?	CO2	L1	1M
5. Define package with syntax.	CO3	L1	1M
6. Discuss about Array deque?	CO3	L2	1M
7. Difference between process and thread.	CO4	L1	1M
8. What are the Types of Drivers?	CO4	L1	1M
9. Define Layout management?	CO5	L2	1M
10. What is adapter class?	CO5	L1	1M

Section B (Essay Questions)**Answer all questions, each question carries equal marks.****(5 X 10M = 50M)**

11. A) Describe the primitive data types supported in java and write a java program to print first 100 Fibonacci numbers	CO1	L3	10M
OR			
B) What is inheritance? Explain different types of inheritances.	CO1	L2	10M
12. A) With a program illustrate user defined exception handling	CO2	L3	10M
OR			
B) Demonstrate the Random access file with example.	CO2	L3	10M
13. A) What is java package? What is CLASSPATH? Show how to create and access a java package with an example.	CO3	L3	10M
OR			
B) Describe the Collection hierarchy in Java	CO3	L2	10M
14. A) What is thread? Justify the producer - consumer problem using inter - thread communication.	CO4	L2	10M
OR			
B) Describe different types of JDBC drivers.	CO4	L2	10M
15. A) Discuss various AWT containers with examples	CO5	L2	10M
OR			
B) Write a Java program to demonstrate the handling Mouse events.	CO5	L3	10M